

The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural & Plantation Engineering



Study Programme	: Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGX5277 Food Safety and Quality Management Systems
Academic Year	: 2023/2024
Date	: 19 th March 2025
Time	: 13.30-16.30 hrs
Duration	: 3 hours

SECTION 2: Answer any four (04) questions.

1. What are the prerequisites to consider when selecting and establishing prerequisite programs for a milk processing company? (25 Marks)
2. a) List the Seven (07) Principles of Hazard Analysis Critical Control Point (HACCP). (12.5 Marks)
 b) Discuss the advantages of implementing a Food Safety Management System in large-scale food processing establishments. (12.5 Marks)
3. Discuss the process of conducting three types of Quality audits to assure product quality and safety. (25 Marks)
4. Discuss the factors to be considered in obtaining Good Agricultural Practices (GAP) certification for a vegetable farm. (25 Marks)
5. Explain the process of obtaining the SLS Certification for imported milk powder (25 Marks)
6. a) Briefly discuss the role of the International Accreditation Forum (IAF) and Sri Lanka Accreditation Board (SLAB) in controlling the Food trade. (12.5 Marks)
 b) What are the processes and main steps that need to be followed to obtain an ISO 22000:2018 certificate? (12.5 Marks)